

HT-03-017

April 30, 2004



To: Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/781,168 02/18/04 |
Danning Yang et al.
PERPENDICULAR MAGNETIC POLE
STRUCTURE AND PROCESS
| _____ |

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

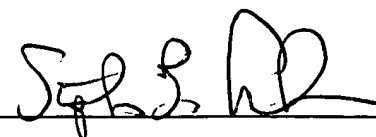
The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on May 4, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

 5/4/04

U.S. Patent 6,063,306 to Kaufman et al., "Chemical Mechanical Polishing Slurry Useful for Copper/Tantalum Substrate," discloses two slurries having different selectivities for copper and tantalum.

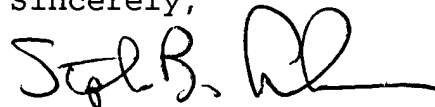
U.S. Patent 6,554,878 to Dill, Jr. et al., "Slurry for Multi-Material Chemical Mechanical Polishing," discloses different slurries to polish different materials including alumina.

U.S. Patent 5,972,787 to Boggs et al., "CMP Process Using Indicator Areas to Determine Endpoint," describes indicator areas on a wafer to check CMP results.

U.S. Patent 6,226,149 to Dill, Jr. et al., "Planar Stitched Write Head Having Write Coil Insulated with Inorganic Insulation," discloses the use of CMP in forming a pole.

U.S. Patent 6,024,886 to Han et al., "Planarizing Method for Fabricating an Inductive Magnetic Write Head for High Density Magnetic Recording," teaches a CMP process using a polish stop layer.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen B. Ackerman", with a stylized flourish at the end.

Stephen B. Ackerman,
Reg. No. 37761

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Document Number (Optional)

HT-03-017

Application Number

10/781,168

Applicant

Danning Yang et al.

Filing Date

02/18/04

Drawn by

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PLUNG DATE IF APPROPRIATE
	6063306	5/16/00	Kaufman et al.	252	79.4	6/26/98
	6554878	4/29/03	Dill, Jr. et al.	51	308	6/14/99
	5972787	10/26/99	Baggs et al.	438	633	8/18/98
	6226149	5/1/01	Dill, Jr. et al.	360	126	12/15/98
	6024886	2/15/00	Han et al.	216	38	12/5/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE COMPLETED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.